

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 11327789  
 PUBLICATION DATE : 30-11-99

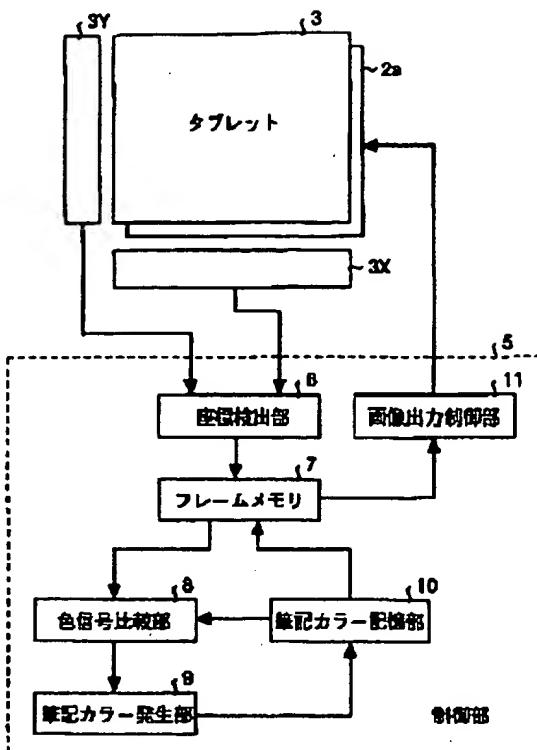
APPLICATION DATE : 31-07-98  
 APPLICATION NUMBER : 10218267

APPLICANT : RICOH CO LTD;

INVENTOR : TSUDA KUNIKAZU;

INT.CL. : G06F 3/033 B43L 1/04 G06F 3/00  
 G09G 5/00 G09G 5/02 H04N 1/00  
 H04N 1/60 H04N 1/46

TITLE : COLOR DISPLAY AND ELECTRONIC  
 BLACKBOARD SYSTEM



**ABSTRACT :** PROBLEM TO BE SOLVED: To clear characters and images by automatically changing writing colors or background colors.

**SOLUTION:** When graphics, etc., are inputted by bringing a pen into contact with a tablet 3, each coordinate of a position to which the tip of the pen is transferred is successively detected and stored in a frame memory 7 by a coordinate detecting part 6. Pieces of background color data of each coordinate position stored in the frame memory 7 and specified writing color data stored in a writing color storage part 10 are read and compared with each other by a color signal comparing part 8. When the background color and the specified writing color of the inputted coordinate position are regarded as the same, the specified writing color stored in the writing color storage part 10 is changed and a part equivalent to the coordinate position of the frame memory 7 is rewritten with the changed and specified writing color by a writing color generating part 9. Coordinate data stored in the frame memory 7 is read and each coordinate position of inputted trace is displayed on a color display means 2 (display panel 2a, etc.), with the specified writing color by an image output control part 11.

COPYRIGHT: (C)1999,JPO

BEST AVAILABLE COPY